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OM protein - protein search, using sw model

Run on: June 27, 2003, 18:01:30 ; Search time 311 Seconds  
(without alignments)  
31.096 Million cell updates/sec

Title: US-09-300-612-1

Perfect score: 84

Sequence: 1 LKAMDTPPLWKTE 15

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Pending\_Patents\_AA\_Main:\*
- 1: /cgn2\_6/ptodata/1/paa/PCTUS\_COMB.pep.\*
  - 2: /cgn2\_6/ptodata/1/paa/US06\_COMB.pep.\*
  - 3: /cgn2\_6/ptodata/1/paa/US07\_COMB.pep.\*
  - 4: /cgn2\_6/ptodata/1/paa/US08\_COMB.pep.\*
  - 5: /cgn2\_6/ptodata/1/paa/US09\_COMB.pep.\*
  - 6: /cgn2\_6/ptodata/1/paa/US082\_COMB.pep.\*
  - 7: /cgn2\_6/ptodata/1/paa/US083\_COMB.pep.\*
  - 8: /cgn2\_6/ptodata/1/paa/US084\_COMB.pep.\*
  - 9: /cgn2\_6/ptodata/1/paa/US085\_COMB.pep.\*
  - 10: /cgn2\_6/ptodata/1/paa/US086\_COMB.pep.\*
  - 11: /cgn2\_6/ptodata/1/paa/US087\_COMB.pep.\*
  - 12: /cgn2\_6/ptodata/1/paa/US088\_COMB.pep.\*
  - 13: /cgn2\_6/ptodata/1/paa/US089\_COMB.pep.\*
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  - 19: /cgn2\_6/ptodata/1/paa/US095\_COMB.pep.\*
  - 20: /cgn2\_6/ptodata/1/paa/US096\_COMB.pep.\*
  - 21: /cgn2\_6/ptodata/1/paa/US097\_COMB.pep.\*
  - 22: /cgn2\_6/ptodata/1/paa/US098\_COMB.pep.\*
  - 23: /cgn2\_6/ptodata/1/paa/US099\_COMB.pep.\*
  - 24: /cgn2\_6/ptodata/1/paa/US100\_COMB.pep.\*
  - 25: /cgn2\_6/ptodata/1/paa/US101\_COMB.pep.\*
  - 26: /cgn2\_6/ptodata/1/paa/US102\_COMB.pep.\*
  - 27: /cgn2\_6/ptodata/1/paa/US60\_COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	84	100.0	15	4 US-08-058-387B-1	Sequence 1, Appli
2	84	100.0	15	17 US-09-300-612-1	Sequence 1, Appli
3	84	100.0	15	24 US-10-047-945-2	Sequence 2, Appli
4	71	84.5	15	4 US-08-058-387A-1	Sequence 1, Appli
5	69	82.1	12	24 US-10-047-945-4	Sequence 4, Appli
6	65	77.4	11	24 US-10-047-945-5	Sequence 5, Appli

Sequence 1, Appli  
Sequence 6, Appli  
Sequence 131016,  
Sequence 48503, A  
Sequence 22743, A  
Sequence 255, App  
Sequence 6183, Ap  
Sequence 5054, Ap  
Sequence 6201, Ap  
Sequence 4866, Ap  
Sequence 20, Appl  
Sequence 14646, A  
Sequence 14730, A  
Sequence 11975, A  
Sequence 14687, A  
Sequence 11573, A  
Sequence 5938, Ap  
Sequence 22474, A  
Sequence 16, Appl  
Sequence 45321, A  
Sequence 35090, A  
Sequence 36104, A  
Sequence 34740, A  
Sequence 1394, Ap  
Sequence 69519, A  
Sequence 69518, A  
Sequence 69642, A  
Sequence 69641, A  
Sequence 15688, A  
Sequence 15688, A  
Sequence 379, App  
Sequence 378, App  
Sequence 12404, A  
Sequence 51597, A  
Sequence 53249, A  
Sequence 123572,  
Sequence 228, App  
Sequence 228, App

## ALIGNMENTS

RESULT 1  
US-08-058-387B-1  
; Sequence 1, Application US/08058387B  
; GENERAL INFORMATION:  
; APPLICANT: BINIE V. LIPPS  
; TITLE OF INVENTION: LETHAL TOXINS NEUTRALIZING  
; TITLE OF INVENTION: FACTOR AND METHOD OF PURIFICATION  
; NUMBER OF SEQUENCES: 1  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BINIE V. LIPPS  
; STREET: 4509 MIMOSA DR.  
; CITY: BELLAIRE  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77401  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" FLOPPY DISK, 1.44 MB  
; COMPUTER: IBM COMPATIBLE  
; OPERATING SYSTEM: MS-DOS 5.0/WINDOWS 3.1  
; SOFTWARE: MS WORD 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/058.387B  
; FILING DATE: 10 MAY 1993  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME:

REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713-723-6845  
TELEFAX: 713-663-7290  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: AMINO ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: (PROTEIN) IN SEQ ID NO: 1  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N  
ORIGINAL SOURCE: (OPOSSUM SERA): SEQ ID NO: 1:  
ORGANISM: (DIDELPHIS VIRGINIANA)  
STRAIN: WILD  
INDIVIDUAL ISOLATE: TEXAS WILD  
DEVELOPMENTAL STAGE: ADULT  
HAPLOTYPE:  
TISSUE TYPE: BLOOD  
CELL TYPE:  
CELL LINE:  
ORGANELLE:  
IMMEDIATE SOURCE: (OPOSSUM SERA) SEQ ID NO: 1:  
LIBRARY:  
CLONE:  
PUBLICATION INFORMATION:  
AUTHORS: JONAS PERALES, ET AL.  
TITLE: ANTI-SNAKE VENOM FORM DIDELPHIDAE  
JOURNAL: INTERNATIONAL SOCIETY ON TOXINOLOGY  
VOLUME: 10TH WORLD CONGRESS ON ANIMAL PLANT  
VOLUME: AND MICROBIAL TOXINS 3-8 NOV 1991,  
VOLUME: SINGAPORE  
ISSUE: PROGRAMME AND ABSTRACTS  
PAGES: 104  
DATE: 3-8 NOV 1991  
US-08-058-387B-1

Query Match 100.0%; Score 84; DB 4; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.9e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15  
Db 1 LKAMDPTPLWKTE 15

RESULT 2  
US-09-300-612-1  
Sequence 1, Application US/09300612  
GENERAL INFORMATION:  
APPLICANT: BINIE V. LIPPS AND FREDERICK W. LIPPS  
TITLE OF INVENTION: ANTI-LTNF FOR IN VITRO ASSAY OF BIOLOGICAL  
TITLE OF INVENTION: TOXINS  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOHN R. CASPERSON  
STREET: PO BOX 2174  
CITY: FRIENDSWOOD  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77549  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" FLOPPY DISK, 1.44 MB  
COMPUTER: IBM COMPATIBLE  
OPERATING SYSTEM: MS DOS 7.1/ WINDOWS 98  
SOFTWARE: WORDPERFECT 5.1 FOR WINDOWS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/300.612  
FILING DATE: 04/27/99

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: JOHN R. CASPERSON  
REGISTRATION NUMBER: 28,198  
REFERENCE/DOCKET NUMBER: FWLPAT05012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 281-482-2961  
TELEFAX: 281-482-3968  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: AMINO ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: PROTEIN IN SEQ ID NO: 1  
HYPOTHETICAL: NO  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE: OPOSSUM SERA: SEQ ID NO: 1:  
ORGANISM: DIDELPHIS VIRGINIANA  
STRAIN: WILD  
INDIVIDUAL ISOLATE: TEXAS WILD  
DEVELOPMENTAL STAGE: ADULT  
HAPLOTYPE:  
TISSUE TYPE: BLOOD  
CELL TYPE:  
CELL LINE:  
ORGANELLE:  
US-09-300-612-1

Query Match 100.0%; Score 84; DB 17; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.9e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15  
Db 1 LKAMDPTPLWKTE 15

RESULT 3  
US-10-047-945-2  
Sequence 2, Application US/10047945  
GENERAL INFORMATION:  
APPLICANT: LIPPS, BINIE V.  
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E  
TITLE OF INVENTION: (I9E)IMPLICATED DISORDERS  
FILE REFERENCE: FWLPAT01505  
CURRENT APPLICATION NUMBER: US/10/047,945  
CURRENT FILING DATE: 2002-01-14  
PRIOR APPLICATION NUMBER:  
PRIOR FILING DATE:  
NUMBER OF SEQ ID NOS: 7  
SEQ ID NO 2  
LENGTH: 15  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY:  
LOCATION:  
OTHER INFORMATION: SYNTHESIZED. ACTIVE FRAGMENT OF ISOLATE FROM OPOSSUM  
OTHER INFORMATION: US 5,576,297.  
US-10-047-945-2

Query Match 100.0%; Score 84; DB 24; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.9e-05;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LKAMDPTPLWKTE 15  
Db 1 LKAMDPTPLWKTE 15

RESULT 4  
US-08-058-387A-1  
; Sequence 1, Application US/08058387A  
; GENERAL INFORMATION:  
; APPLICANT: BINIE V. LIPPS  
; TITLE OF INVENTION: LETHAL TOXINS NEUTRALIZING  
; TITLE OF INVENTION: FACTOR AND METHOD OF PURIFICATION  
; NUMBER OF SEQUENCES: 1  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BINIE V. LIPPS  
; STREET: 4509 MINOSA DR.  
; CITY: BELLAIRE  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77401  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" FLOPPY DISK, 1.44 MB  
; COMPUTER: IBM COMPATIBLE  
; OPERATING SYSTEM: MS-DOS 5.0/WINDOWS 3.1  
; SOFTWARE: MS WORD 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/058,387A  
; FILING DATE: 10 MAY 1993  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME:  
; REGISTRATION NUMBER:  
; REFERENCE/DOCKET NUMBER:  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 713-723-6845  
; TELEFAX: 713-663-7290  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15  
; TYPE: AMINO ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: LINEAR  
; MOLECULE TYPE: (PROTEIN) IN SEQ ID NO: 1  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N  
; ORIGINAL SOURCE: (OPOSSUM SERA): SEQ ID NO: 1  
; ORGANISM: (DIDELPHIS VIRGINIANA)  
; STRAIN: WILD  
; INDIVIDUAL ISOLATE: TEXAS WILD  
; DEVELOPMENTAL STAGE: ADULT  
; HAPLOTYPE:  
; TISSUE TYPE: BLOOD  
; CELL TYPE:  
; CELL LINE:  
; ORGANELLE:  
; IMMEDIATE SOURCE: (OPOSSUM SERA) SEQ ID NO: 1  
; LIBRARY:  
; CLONE:  
; PUBLICATION INFORMATION:  
; AUTHORS: JONAS PERALES, ET AL.  
; TITLE: ANTI-SNAKE VENOM FORM DIDELPHIDAE  
; JOURNAL: INTERNATIONAL SOCIETY ON TOXINOLOGY  
; VOLUME: 10TH WORLD CONGRESS ON ANIMAL PLANT  
; VOLUME: AND MICROBIAL TOXINS 3-8 NOV 1991, SINGAPORE  
; ISSUE: PROGRAMME AND ABSTRACTS  
; PAGES: 104  
; DATE: 3-8 NOV 1991  
US-08-058-387A-1

Query Match 84.5%; Score 71; DB 4; Length 15;  
Best Local Similarity 93.3%; Pred. No. 0.0032;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 LKAMDPTPLWKTE 15  
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Db 1 LKAMDPTPLWKTE 15  
|||||  
RESULT 5  
US-10-047-945-4  
; Sequence 4, Application US/10047945  
; GENERAL INFORMATION:  
; APPLICANT: LIPPS, FREDERICK W.  
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E  
; TITLE OF INVENTION: (IGE)IMPLICATED DISORDERS  
; FILE REFERENCE: FWLPAT015US  
; CURRENT APPLICATION NUMBER: US/10/047,945  
; CURRENT FILING DATE: 2002-01-14  
; PRIOR APPLICATION NUMBER:  
; PRIOR FILING DATE:  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: WORDPERFECT 5.1 FOR WINDOWS  
; SEQ ID NO 4  
; LENGTH: 12  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY:  
; LOCATION:  
; OTHER INFORMATION: Synthetic. Corresponds to fragment 1-12 of 2 above.  
US-10-047-945-4

Query Match 82.1%; Score 69; DB 24; Length 12;  
Best Local Similarity 100.0%; Pred. No. 0.0051;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKAMDPTPLWI 12  
|||||  
Db 1 LKAMDPTPLWI 12  
|||||

RESULT 6  
US-10-047-945-5  
; Sequence 5, Application US/10047945  
; GENERAL INFORMATION:  
; APPLICANT: LIPPS, BINIE V.  
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E  
; TITLE OF INVENTION: (IGE)IMPLICATED DISORDERS  
; FILE REFERENCE: FWLPAT015US  
; CURRENT APPLICATION NUMBER: US/10/047,945  
; CURRENT FILING DATE: 2002-01-14  
; PRIOR APPLICATION NUMBER:  
; PRIOR FILING DATE:  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: WORDPERFECT 5.1 FOR WINDOWS  
; SEQ ID NO 5  
; LENGTH: 11  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY:  
; LOCATION:  
; OTHER INFORMATION: Synthetic. Corresponds to fragment 1-11 of 2 above.  
US-10-047-945-5

Query Match 77.4%; Score 65; DB 24; Length 11;  
Best Local Similarity 100.0%; Pred. No. 0.018;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKAMDPTPLW 11  
|||||  
Db 1 LKAMDPTPLW 11  
|||||

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; Sequence 131016, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY ME
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 131016
; LENGTH: 279
; TYPE: PRT
; ORGANISM: Rhizobium sp
US-09-791-537-131016

Query Match 56.0%; Score 47; DB 21; Length 279;
Best Local Similarity 77.8%; Pred. No. 2.1e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 6 PTPPLWIKT 14
DB 167 PTPPIWAT 175

RESULT 10
PCT-US01-08631-48503
; Sequence 48503, Application PC/TUS0108631
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 21272-049
; CURRENT APPLICATION NUMBER: PCT/US01/08631
; CURRENT FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 60736
; SOFTWARE: Custom
; SEQ ID NO 48503
; LENGTH: 303
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US01-08631-48503

Query Match 56.0%; Score 47; DB 1; Length 303;
Best Local Similarity 42.9%; Pred. No. 2.3e+02;
Matches 6; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 2 KAMDPTPLWIKTE 15
DB 39 EASDPVPYVRLQ 52

RESULT 11
US-09-791-537-22743
; Sequence 22743, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY ME
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22743
; LENGTH: 351

US-10-047-945-1
; Sequence 1, Application US/10047945
; GENERAL INFORMATION:
; APPLICANT: LIPPS, FREDERICK W.
; APPLICANT: LIPPS, BINIE V.
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E
; FILE REFERENCE: FWLPAT01505
; CURRENT APPLICATION NUMBER: US/10/047,945
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: WORDPERFECT 5.1 FOR WINDOWS
; SEQ ID NO 1
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: SYNTHESIZED. ACTIVE FRAGMENT OF ISOLATE FROM OPOSSUM
; OTHER INFORMATION: US 5,576,297.
US-10-047-945-1

Query Match 64.3%; Score 54; DB 24; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.69;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKAMDPTPL 10
DB 1 LKAMDPTPL 10

RESULT 8
US-10-047-945-6
; Sequence 6, Application US/10047945
; GENERAL INFORMATION:
; APPLICANT: LIPPS, FREDERICK W.
; APPLICANT: LIPPS, BINIE V.
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT FOR IMMUNOGLOBULIN E
; FILE REFERENCE: FWLPAT01505
; CURRENT APPLICATION NUMBER: US/10/047,945
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: WORDPERFECT 5.1 FOR WINDOWS
; SEQ ID NO 6
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: Synthetic. Corresponds to fragment 1-9 of 2 above.
US-10-047-945-6

Query Match 59.5%; Score 50; DB 24; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LKAMDPTPP 9
DB 1 LKAMDPTPP 9

RESULT 9
US-09-791-537-131016
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; TYPE: PRT
; ORGANISM: Rhizobium sp
US-09-791-537-22743

Query Match          56.0%; Score 47; DB 21; Length 351;
Best Local Similarity 77.8%; Pred. No. 2.7e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      6 PTPPLWIKT 14
      |||||:|
Db      167 PTPPIWIAT 175

RESULT 12
US-60-167-245-255
; Sequence 255, Application US/60167245
; GENERAL INFORMATION:
; APPLICANT: Li, Peter, W.D.
; TITLE OF INVENTION: ISOLATED ION CHANNEL PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING ION CHANNEL PROTEINS AND USES
; FILE REFERENCE: CLO00151
; CURRENT APPLICATION NUMBER: US/60/167,245
; CURRENT FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 789
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 621
; TYPE: PRT
; ORGANISM: Drosophila
US-60-167-245-255

Query Match          54.8%; Score 46; DB 27; Length 621;
Best Local Similarity 57.1%; Pred. No. 6.8e+02;
Matches 8; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      1 LKAMDPTPLWIKT 14
      |||:|
Db      594 LKAQNSTSPLWLNT 607

RESULT 13
US-09-614-150-6183
; Sequence 6183, Application US/09614150
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
; TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
; FILE REFERENCE: CLO000728
; CURRENT APPLICATION NUMBER: US/09/614,150
; CURRENT FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/157,832
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: 60/160,191
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: 60/161,932
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 60/164,769
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 60/173,383
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/175,693
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/184,831
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/191,637
; PRIOR FILING DATE: 2000-03-23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6183
; LENGTH: 729

; TYPE: PRT
; ORGANISM: Rhizobium sp
US-09-791-537-22743

Query Match          56.0%; Score 47; DB 21; Length 351;
Best Local Similarity 77.8%; Pred. No. 2.7e+02;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      6 PTPPLWIKT 14
      |||||:|
Db      167 PTPPIWIAT 175

RESULT 12
US-60-167-245-255
; Sequence 255, Application US/60167245
; GENERAL INFORMATION:
; APPLICANT: Li, Peter, W.D.
; TITLE OF INVENTION: ISOLATED ION CHANNEL PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING ION CHANNEL PROTEINS AND USES
; FILE REFERENCE: CLO00151
; CURRENT APPLICATION NUMBER: US/60/167,245
; CURRENT FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 789
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 621
; TYPE: PRT
; ORGANISM: Drosophila
US-60-167-245-255

Query Match          54.8%; Score 46; DB 27; Length 621;
Best Local Similarity 57.1%; Pred. No. 6.8e+02;
Matches 8; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      1 LKAMDPTPLWIKT 14
      |||:|
Db      594 LKAQNSTSPLWLNT 607

RESULT 13
US-09-614-150-6183
; Sequence 6183, Application US/09614150
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID
; TITLE OF INVENTION: ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
; FILE REFERENCE: CLO000728
; CURRENT APPLICATION NUMBER: US/09/614,150
; CURRENT FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/157,832
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: 60/160,191
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: 60/161,932
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 60/164,769
; PRIOR FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 60/173,383
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/175,693
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/184,831
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/191,637
; PRIOR FILING DATE: 2000-03-23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6183
; LENGTH: 729

; TYPE: PRT
; ORGANISM: Drosophila
US-60-173-464-5054
; Sequence 5054, Application US/60173464
; GENERAL INFORMATION:
; APPLICANT: Li, Peter W.D.
; TITLE OF INVENTION: ISOLATED G-PROTEIN COUPLED RECEPTORS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING GPCR PROTEINS AND USES
; FILE REFERENCE: CLO00173
; CURRENT APPLICATION NUMBER: US/60/173,464
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 30269
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5054
; LENGTH: 729
; TYPE: PRT
; ORGANISM: Drosophila
US-60-173-464-5054

Query Match          54.8%; Score 46; DB 27; Length 729;
Best Local Similarity 57.1%; Pred. No. 7.8e+02;
Matches 8; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      1 LKAMDPTPLWIKT 14
      |||:|
Db      689 LKAQNSTSPLWLNT 702

RESULT 14
US-60-173-464-5054
; Sequence 5054, Application US/60173464
; GENERAL INFORMATION:
; APPLICANT: Li, Peter W.D.
; TITLE OF INVENTION: ISOLATED G-PROTEIN COUPLED RECEPTORS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING GPCR PROTEINS AND USES
; FILE REFERENCE: CLO00173
; CURRENT APPLICATION NUMBER: US/60/173,464
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 30269
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5054
; LENGTH: 729
; TYPE: PRT
; ORGANISM: Drosophila
US-60-173-464-5054

Query Match          54.8%; Score 46; DB 27; Length 729;
Best Local Similarity 57.1%; Pred. No. 7.8e+02;
Matches 8; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      1 LKAMDPTPLWIKT 14
      |||:|
Db      689 LKAQNSTSPLWLNT 702

RESULT 15
US-60-191-637-6201
; Sequence 6201, Application US/60191637
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; TITLE OF INVENTION: NUCLEIC ACID DETECTION KITS COMPRISING
; TITLE OF INVENTION: GENE SEQUENCES EXPRESSED FROM THE DROSOPHILA GENOME, AND
; FILE REFERENCE: CLO000392
; CURRENT APPLICATION NUMBER: US/60/191,637
; CURRENT FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 42660
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6201
; LENGTH: 729
; TYPE: PRT
; ORGANISM: DROSOPHILA
US-60-191-637-6201

Query Match          54.8%; Score 46; DB 27; Length 729;
Best Local Similarity 57.1%; Pred. No. 7.8e+02;
Matches 8; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      1 LKAMDPTPLWIKT 14
      |||:|
Db      689 LKAQNSTSPLWLNT 702

Search completed: June 27, 2003, 18:08:18
Job time : 312 secs
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